A Telephoto Beyond Compare

Introducing the next step in the Carl Zeiss optics revolution. The renowned lens manufacturer presents the first Carl Zeiss telephoto zoom custom-designed and purpose-built for 2/3" 3 CCD cameras. With classic cine design and construction, this optic offers cutting-edge mechanical design, and features a combination of unprecedented functionality and unequalled performance. The ZEISS Telephoto DigiZoom™ 17-112mm T1.9 is engineered to beautifully complement the popular DigiZoom 6-24mm T1.9. These two DigiZoom lenses bring world-famous Zeiss precision, unmatched quality and unequalled image clarity to both ends of the zoom range, from 6mm, all the way out to 112mm.

Carl Zeiss Telephoto DigiZoom™ 17-112mm T1.9

Compact Size – Big Performance

Compact and Powerful Package

The new ZEISS Telephoto DigiZoom™ is a compact powerhouse. At just 11.8" (300mm) long and weighing under 9 pounds (4 kg), this remarkable lens is substantially smaller and lighter than any other high-performance telephoto available.

Equipped for Ease of Use

Designed for easy operation and maximum compatibility with cine style accessories, the new 6.5X telephoto shares many features with the popular ZEISS DigiPrime® family and 6-24mm DigiZoom. Like industry standard pitch integral zoom, focus and iris gears and brightly-marked oversized windowed cine scales, readable from either side of the lens. Focus scales are individually calibrated to provide pinpoint accuracy. And, like its sister zoom and most of the primes, this telephoto lens features a 95mm front diameter.

Zeiss Precision Back-Focus

The Carl Zeiss revolutionary back-focus mechanism ensures that the 17-112mm DigiZoom provides precise, highly accurate calibration across the focusing range. Of course, the lens is fully compatible with the ZEISS Sharp Max™ Universal Back-Focus Alignment device.

Internal Focusing Design & Close Focusing

The 17-112mm DigiZoom incorporates the singular Carl Zeiss Internal Focusing Design for top performance – center to corner – over the entire focus and zoom range, a consistent center of gravity, minimum balance shift, and no measurable breathing. Plus, this extraordinary telephoto focuses to just 30" from the image plane, less than 5" from the front of the lens.

Low Light Performance

Like all of the DigiPrime family, the new Telephoto is optically designed for optimum performance in low light situations with the aperture fully open. Carl Zeiss lens design allows for unsurpassed contrast control by minimizing flare, veiling glare, and internal reflections well below other cine lenses. Users will enjoy superior relative illumination and high resolution over the entire screen edge-to-edge, throughout the focal and zoom range.

Perfect Color Match

The 17-112mm is precisely engineered to accurately color match and intercut complement images made with the 6-24mm DigiZoom as well as the ZEISS DigiPrime family. Carl Zeiss selects superior quality optical glass, then applies proprietary coatings for exceptional color characterisitics.

Technical Data: Telephoto DigiZoom® 17-112mm T1.9 Lens

DigiPrime® Lens			Close Focus Limit (ref: film plane)		Length	Front Diameter	Weight		Number of Elements	Number of Groups	MTF Value for 56 lp/mm for Infinity GN Channel	Image Angle 4:3 at 6mm			Image Angle 16:9 at 6mm			Image Angle 4:3 at 24mm			Image Angle 16:9 at 24mm			Focus Angular Rotation
Focal Length mm	T Stop	Type	Meters	Inches	mm	mm	Grams	Pounds				Hor.	Vert.	Dia.	Hor.	Vert.	Dia.	Hor.	Vert.	Dia.	Hor.	Vert.	Dia.	
17-112	1.9	Vario Sonnar 1.7	0.75	30"	300	95	<4000	<9	28	21	90%	29.0°	21.7°	35.4°	31.0°	17.8°	35.4°	4.5°	3.4°	5.6°	4.9°	2.8°	5.6°	310°

Specifications subject to change without notice.

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